



A DRIVING FORCE
IN MANUFACTURING ASSEMBLY





JEMMS-Cascade, Inc.

- *30 years of manufacturing attachments (Founded February 1988)*
- *Continuous improvements through durability & capability testing*
- *Over 2,000 custom's built*
- *High capability for torque's from 0.5 – 20,000 NM*

Standard package includes

- Installation instructions
- Complete component list with drawing
- Assembly instructions
- Standard information regarding capability and efficiency
- Demonstrative samples
- STP drawing files
- Access to online database

Design

- Complete design includes Full Complement Needle & sealed bearings
- Sleek & Robust gear design
- Rigorous inspection of all components during manufacturing
- External lubrication points
- Part number and necessary safety markers on all attachments
- Reference database for engineered to order products across all vertical business segments.

U.S. Patents • State-of-the-art Equipment • Global Strategy

Product Proliferation

- Tube-Nut Attachments - Patented
- Offset Attachments
- Hold & Drive
- Inline Tube-Nuts & Attachments
- 20° Tube-Nuts & Attachments
- Multi-Spindle
- Weather-strip Attachment - Patented
- Safety Sleeves - Patented
- Whipless Extensions - Patented
- Fixtured Attachments and Sliding Spindles
- 20-90 Degree Custom Angle Heads
- Quick Change Heads
- Multi-socket Heads
- Ergonomic Starter Tools
- Advanced Alloy Product Design Available
- Special Gearbox Design

***JEMMS has the resources
available to create the tools
you need.***

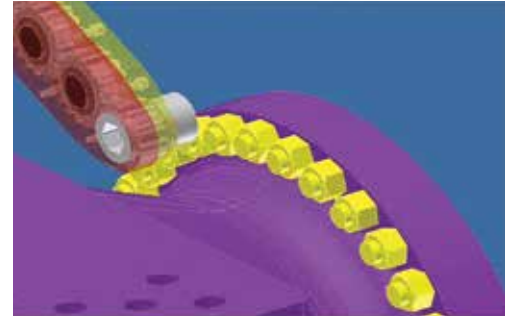
***JEMMS Attachments are
compatible with these quality
tool manufacturers:***



JEMMS is committed to build for manufacturing and offers engineering services as a partnership commitment for our customers. This is a courtesy which we provide as value to our customers worldwide.

Simo-Engineering

- 3D Mockup
- Custom Design
- Finite Element Analysis
- Part Engineering



**Product
Analysis**

**Identify
perishable
content**

**Set ERP
min/max
scheduling**

**Establish
plant
blanket**

**Set global
turn around
time standard**

Supply Chain/Inventory

- JEMMS understands the burden of new program launches and commits to provide quick turn around time on negotiated parts
- ERP Automation drives stock inventories for rapid turn around time for customers who request this service.



Manufacturing turn around time on perishable parts demands responsiveness from suppliers and partners.

JEMMS guarantees part turn around time on new program launches based on product proliferations our customers have acquired.



Testing Capability

- Cm/Cmk validation
- Cg/Cgk calibration
- Cp/Cpk process emulation



*JEMMS-Cascade, Inc. products are
WARRANTED to be free of defect
in material and craftsmanship for
1 (one) year or 250,000 cycles.*



Warranty

Engineering, testing, and validation drives our commitment for our customers under the most rigorous manufacturing conditions.

Quote availability

- Bill of material, drawing file, STP files are included on all quotes
- 48 hour turnaround for common designs
- 3–5 day for custom design
- Common list pricing available for standard designs



238 Executive Drive, Troy, MI 48083
Phone: 248.526.8100 • Fax: 248.526.0019 • jemmsinc.com